IP Link® Device Interface
Ethernet Communication Sheet

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type: Video Conference
Manufacturer: LifeSize
Firmware Version: N/A
Model(s): Team 220

Minimum Software and Firmware Requirements:

IP Link Compiler	IP Link Firmware	GC Version
1.6.0	1.17	3.5.1

Version History:

Driver Version	Date	Notes
6	3/4/2014	Added Audio Output command.
5	8/16/2013	Fixed volume feedback and added Camera Select command.
3	03/03/2012	Brought driver to the latest Audio/Video conference standards. Added Dynamic Text functionality.
2	03/28/2011	Added Microphone Select command. Remove automatic layout selection on press/release commands.
1	09/10/2010	Initial version.

Driver Notes:

- Pan-Tilt/ Zoom commands have press/release functionality. The stop command can be used in conjunction with these commands and is intended for configuration purposes.
- The driver includes optimization to the following features:
  - Dynamic Text
  - Dialing Feedback
  - Volume

Dialing Configuration:

The Keypad is configured to display the digits on the field located at the top of the page. When the desired number is entered press the Call button, which is bound with the Phone - Call command, and that will connect you with the number you entered.

The Delete button will delete the last number displayed on the touch panel and is configured with the press/repeat functionality. The Clear button will clear all numbers entered.

The Label on the top of the page, “Please enter a number and press Call”, is configured in GUI Configurator with an ID range of 50000-50020 and with the Dynamic text parameter enabled.

Control Commands & States:

Audio Output	Phone	Room	HDMI
Auto Answer	On	Off	
Auto Focus	On	Off	
Camera Preset Recall	1-19		
Camera Preset Save	1-19		
Camera Select	Primary	Secondary	
Dial Keypad	0-9	.	*
	#	Delete	Clear
Directory Dial	1-4		
Directory Page	First	Next	Previous
	Last		
Dynamic Text ID	50000 – 50020		
Hook	On	Off	Flash
	End All		
Input (Far)	1-3		
Input (Near)	1-3		
IR Remote Emulation	Call	Hang Up	Square
	Circle	Back	OK
	Left	Right	Up
	Down	Volume Down	Volume Up
	Mute	Zoom In	Zoom Out
	Far-Near	Layout*	Input*
	Mode*	0	1
	2	3	4
	5	6	7
	8	9	*
	#	Home	Directory
	Yellow	Red	Blue

	Green		
Layout	1-20		
Menu Navigation	Up	Down	Left
	Right	Enter	Home
	Back		
Pan-Tilt (Far)	Left	Right	Up
	Down	Stop	
Pan-Tilt (Near)	Left	Right	Up
	Down	Stop	
Phone Call	Call	Flash	Hang Up*
	End All		
Picture In Picture	On	Off	
Power Management	Wake	Sleep	
Presentation	Start	Stop	
Quick Keys	Red	Blue	Yellow
	Green		
Reboot	Execute		
Transmit Mute	On	Off	
Volume (Discrete)	0 to 100 in steps of 2		
Volume (Step)	Up	Down	
Zoom (Far)	In	Out	Stop
Zoom (Near)	In	Out	Stop

*These states are not supported by the VCU with the Silver Remote control.

Status Available:

Audio Output	Phone	Room	HDMI
Auto Answer	On	Off	
Auto Focus	On	Off	
Camera Select	Primary	Secondary	
Call Status	Not In Call	Off Hook	Connected
	Connecting	Disconnected	Disconnecting
	Valid Number	Dialing	Ringing
	Answered Number	Answered Consult	Call Encrypted
	Call Not Encrypted	Incoming	Status Unavailable
	Unreachable	Busy	
Connection Status	Connected	Disconnected	
Input (Far)	1-3		
Input (Near)	1-3		
Layout	1-20		
Phone Call	Call	Flash	Hang Up
	End All		
Picture In Picture	On	Off	
Transmit Mute	On	Off	
Volume (Discrete)	0 to 100 in steps of 2		

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Network communication:

Port Type:	Ethernet
Default User Name:	auto
Default Password:	lifesize
Default Port:	23
Multi-Connection Capable:	Yes
Port Changeable:	Yes
Logon Credentials Supported:	Yes

Ethernet Driver Configuration Description:

Please refer to user manual for settings and changes to the network communication parameters such as: User Name, Passwords.

Notes for the Device: